

**AMENDMENTS TO THE CLAIMS:**

Please cancel claims 1-45 without prejudice for pursuit in a continuing application. Please amend claims 46-48, as shown below. This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

The invention claimed is:

1. (cancelled).
2. (cancelled).
3. (cancelled).
4. (cancelled).
5. (cancelled).
6. (cancelled).
7. (cancelled).
8. (cancelled).
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10. (cancelled).
11. (cancelled).
12. (cancelled).
13. (cancelled).
14. (cancelled).
15. (cancelled).
16. (cancelled).
17. (cancelled).
18. (cancelled).
19. (cancelled).
20. (cancelled).
21. (cancelled).

- 22. (cancelled).
- 23. (cancelled).
- 24. (cancelled).
- 25. (cancelled).
- 26. (cancelled).
- 27. (cancelled).
- 28. (cancelled).
- 29. (cancelled).
- 30. (cancelled).
- 31. (cancelled).
- 32. (cancelled).
- 33. (cancelled).
- 34. (cancelled).
- 35. (cancelled).
- 36. (cancelled).
- 37. (cancelled).
- 38. (cancelled).
- 39. (cancelled).
- 40. (cancelled).
- 41. (cancelled).
- 42. (cancelled).
- 43. (cancelled).
- 44. (cancelled).
- 45. (cancelled).

- 46. (currently amended) An insertable test device, comprising:  
a first adapter having a first differential interface; and  
a second adapter having a second differential interface,  
wherein each of the first adapter and second adapter includes at least two  
coaxial interfaces for coupling to a coaxial device, a first signal conductor  
for transmitting signals through the adapter, a second signal conductor for

transmitting signals through the adapter, a shield conductor, and a transition region for providing a transition between coaxial and differential transmission environments and maintaining a uniform differential impedance through the transition; and the first adapter and the second adapter are mated at the first differential interface and the second differential interface. The insertable test device of claim 45, wherein the mated first adapter and second adapter provides less than -20dB of differential return loss through 18 gigahertz.

47. (currently amended) The insertable test device of claim 45 46, wherein the mated first adapter and second adapter provides less than -25dB of common mode conversion by reflection through 18 gigahertz at the at least two coaxial interfaces of each of the first adapter and the second adapter.

48. (currently amended) The insertable test device of claim 45 46, wherein less than -30dB of mode conversion occurs during transmission through the mated first adapter and second adapter.